

Generator Synchronization Meter

This synchronization meter is designed for synchronizing generators to a bus. It features adjustable delay and offset settings and provides closing contact control for voltage and phase.



ADDITIONAL IMAGES



Overview

Precision Synchronization Control

The M8100 Synchroscope is a precision instrument designed to safely synchronize generators with a busbar or power grid. It provides real-time visual feedback on frequency and phase deviation, allowing operators to monitor system stability with ease. Featuring adjustable delay settings and robust closing contact controls, this meter ensures reliable performance in critical power applications.

Technical Specifications

Application Modes

COPE w/ DEADBUS

Adjustable Delay Settings

- 1 sec
- 5 sec
- 20%
- 40%

Pulse/Constant Timing Options

0.4 seconds, 0.8 seconds

Operational Features

Synchronization Indicators

- Frequency deviation via moving light dot
- Phase deviation via circular LED display
- Clockwise movement (Frequency too high)
- Counter-clockwise movement (Frequency too low)
- 12 o'clock position (Exact synchronization)

System Status Monitoring

Yes